

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/559,097
Source: TFWP
Date Processed by STIC: 12/14/2005

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/559,097

DATE: 12/14/2005
TIME: 14:59:33

Input Set : A:\053584txt.TXT
Output Set: N:\CRF4\12142005\J559097.raw

3 <110> APPLICANT: CropDesign N.V.
 5 <120> TITLE OF INVENTION: Monocotyledonous plants having improved growth characteristics

6 and a method for making the same
 8 <130> FILE REFERENCE: CD-097-PCT
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/559,097
 C--> 10 <141> CURRENT FILING DATE: 2005-12-01
 10 <150> PRIOR APPLICATION NUMBER: EP 03076719.8
 11 <151> PRIOR FILING DATE: 2003-06-03
 13 <160> NUMBER OF SEQ ID NOS: 30
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 2313
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Oryza sativa
 22 <400> SEQUENCE: 1

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25	tctgcgaatc	gaattctttg	tttttttttc	tctaatttta	ccggaaattg	tcgaattt	agg	180
26	cattcaccaa	cgagcaagag	gggagtggat	tggttgtta	aagctccgca	tcttgcggcg	240	
27	gaaatctcgc	tctcttctct	gcgggtgggt	gcccggagaag	tcgcccgg	ccgg	tgaggcatgg	300
28	ggatggaggt	ggcgccggcg	cgcgtgggg	ctctgtacac	gacctccgac	tacgcgtcgg	360	
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30	tcgaggagaa	tcgctgggtc	aatgagtcca	tcaccgcgt	catcatcg	gg	ctctgcaccg	480
31	gcgtgggtat	cttgctgtat	accaaaggga	agagctcgca	tttattcg	tc	ttagtgagg	540
32	atctcttctt	catctacctc	ctccctccga	tcatcttcaa	tgcagg	ttt	caggtaaaga	600
33	aaaagcaatt	tttccggaat	ttcatgacga	tcacattt	tggagccgtc	gggacaatga	660	
34	tatcctttt	cacaatatct	attgctgcca	ttgcaatatt	cagcagaatg	aaacattggaa	720	
35	cgctggatgt	aggagatttt	cttgcaattt	gagccatctt	ttctgcgaca	gattctgtct	780	
36	gcacattgca	ggtcctcaat	caggatgaga	caccctttt	gtacagtctg	gtattcgg	840	
37	aagggtgtgt	gaacgatgct	acatcaattt	tgctttcaa	cgcactacag	aactttgatc	900	
38	ttgtccacat	agatggcgt	gtcg	tttctga	aattttttt	ttttttttt	960	
39	tgtcgagcac	cttccttgg	gtat	tttgcgt	gattttttt	ttttttttt	1020	
40	tatacattgg	aaggcattt	actgaccgt	agg	tttccctt	tatgtatgtc	1080	
41	tttcatatat	gttgcgt	tttgcgt	tttgcgt	tcttgcgt	tttctgt	1140	
42	gtattgtat	gtcacattac	acttggcata	acgtcacaga	gagttcaaga	gttacaacaa	1200	
43	agcacgcatt	tgcaactctg	tccttcattt	ctgagacttt	tctttcc	tatgttgg	1260	
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45	ggataagctc	aattttgtca	ggattgg	tttgcgt	tttgcgt	tttgcgt	1380	
46	tgtcg	tttgcgt	tttgcgt	tttgcgt	tttgcgt	tttgcgt	1440	
47	aagg	tttgcgt	tttgcgt	tttgcgt	tttgcgt	tttgcgt	1500	
48	ataagttac	aagatctggc	catactc	tgca	tttgcgt	tttgcgt	1560	
49	ccatcactgt	cgttctt	tttgcgt	tttgcgt	tttgcgt	tttgcgt	1620	
50	ggctg	tttgcgt	tttgcgt	tttgcgt	tttgcgt	tttgcgt	1680	

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53	ggcgcaagtt	cgacgacgcg	ctgatgcgac	cgatgttgg	ccccgcgccc	ttcgccct	1860										
54	tctcccctgg	atcaccaacc	gaggcagagcc	atggaggaag	atgaacagtg	caaagaaatg	1920										
55	agaatggaat	ggttgatgag	gagaatacat	gtaaaatgtg	acagcaaaag	agagaaggca	1980										
56	agtttgggt	ttgttagagtt	tggctgctgc	taatgagttg	ttgatagtgc	ctatattctt	2040										
57	cagaacttca	gatgggcct	caccaaggcc	taagagccag	gaggaccttc	tgataatgg	2100										
58	tcgggatgat	tggttgttc	tgtcaggatg	aaccctagtg	agtgcacacag	ggtgatgtgc	2160										
59	tccgacaacc	tgtaaatttt	gtagattaac	agcccattt	gtacctgtct	accatctta	2220										
60	gttggcgggt	gttcttcct	agttgccacc	ctgcatgtaa	aatgaaattc	tccgcca	2280										
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75	Cys	Ala	Cys	Ile	Val	Leu	Gly	His	Leu	Leu	Glu	Glu	Asn	Arg	Trp	Val	
76						35			40				45				
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79						50			55			60					
81	Ile	Leu	Leu	Met	Thr	Lys	Gly	Lys	Ser	Ser	His	Leu	Phe	Val	Phe	Ser	
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85						85			90			95					
87	Gly	Phe	Gln	Val	Lys	Lys	Gly	Gln	Phe	Phe	Arg	Asn	Phe	Met	Thr	Ile	
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93	Ile	Ala	Ala	Ile	Ala	Ile	Phe	Ser	Arg	Met	Asn	Ile	Gly	Thr	Leu	Asp	
94						130			135			140					
96	Val	Gly	Asp	Phe	Leu	Ala	Ile	Gly	Ala	Ile	Phe	Ser	Ala	Thr	Asp	Ser	
97	145					145			150			155			160		
99	Val	Cys	Thr	Leu	Gln	Val	Leu	Asn	Gln	Asp	Glu	Thr	Pro	Phe	Leu	Tyr	
100						165			170			175					
102	Ser	Leu	Val	Phe	Gly	Glu	Val	Val	Asn	Asp	Ala	Thr	Ser	Ile	Val		
103						180			185			190					
105	Leu	Phe	Asn	Ala	Leu	Gln	Asn	Phe	Asp	Leu	Val	His	Ile	Asp	Ala	Ala	
106						195			200			205					
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109						210			215			220					
111	Thr	Phe	Leu	Gly	Val	Phe	Ala	Gly	Leu	Leu	Ser	Ala	Tyr	Ile	Ile	Lys	
112	225					225			230			235			240		
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123	Thr	Trp	His	Asn	Val	Thr	Glu	Ser	Ser	Arg	Val	Thr	Thr	Lys	His	Ala
124	290				295						300					
126	Phe	Ala	Thr	Leu	Ser	Phe	Ile	Ala	Glu	Thr	Phe	Leu	Phe	Leu	Tyr	Val
127	305			310					315					320		
129	Gly	Met	Asp	Ala	Leu	Asp	Ile	Glu	Lys	Trp	Glu	Phe	Ala	Ser	Asp	Arg
130		325						330					335			
132	Pro	Gly	Lys	Ser	Ile	Gly	Ile	Ser	Ser	Ile	Leu	Leu	Gly	Leu	Val	Leu
133		340						345					350			
135	Ile	Gly	Arg	Ala	Ala	Phe	Val	Phe	Pro	Leu	Ser	Phe	Leu	Ser	Asn	Leu
136		355					360				365					
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157	465			470					475					480		
159	Ile	Val	Arg	Pro	Ser	Ser	Leu	Arg	Met	Leu	Leu	Thr	Lys	Pro	Thr	His
160		485						490					495			
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179	gaagagaata	at	gtggat	gaa	cg	aatccat	ac	ccgcctt	tg	attggg	ct	180				
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182	aagcagttt	tcc	gcaattt	cgt	gactt	at	gc	ttttt	tg	gtctgtt	gg	360				
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184	tttgacttgg	gt	gat	tat	ct	tg	ctt	att	gt	cc	at	tgg	480			
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207 <212> TYPE: PRT

208 <213> ORGANISM: Arabidopsis thaliana

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227										85			90			95
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242									165				170			175
244	Val	Phe	Gly	Glu	Gly	Val	Val	Asn	Asp	Ala	Thr	Ser	Val	Val	Val	Phe
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256 Tyr Phe Gly Arg His Ser Thr Asp Arg Glu Val Ala Leu Met Met Leu
257 245 250 255
259 Met Ala Tyr Leu Ser Tyr Met Leu Ala Glu Leu Phe Asp Leu Ser Gly
260 260 265 270
262 Ile Leu Thr Val Phe Phe Cys Gly Ile Val Met Ser His Tyr Thr Trp
263 275 280 285
265 His Asn Val Thr Glu Ser Ser Arg Ile Thr Thr Lys His Thr Phe Ala
266 290 295 300
268 Thr Leu Ser Phe Leu Ala Glu Thr Phe Ile Phe Leu Tyr Val Gly Met
269 305 310 315 320
271 Asp Ala Leu Asp Ile Asp Lys Trp Arg Ser Val Ser Asp Thr Pro Gly
272 325 330 335
274 Thr Ser Ile Ala Val Ser Ser Ile Leu Met Gly Leu Val Met Val Gly
275 340 345 350
277 Arg Ala Ala Phe Val Phe Pro Leu Ser Phe Leu Ser Asn Leu Ala Lys
278 355 360 365
280 Lys Asn Gln Ser Glu Lys Ile Asn Phe Asn Met Gln Val Val Ile Trp
281 370 375 380
283 Trp Ser Gly Leu Met Arg Gly Ala Val Ser Met Ala Leu Ala Tyr Asn
284 385 390 395 400
286 Lys Phe Thr Arg Ala Gly His Thr Asp Val Arg Gly Asn Ala Ile Met
287 405 410 415
289 Ile Thr Ser Thr Ile Thr Val Cys Leu Phe Ser Thr Val Val Phe Gly
290 420 425 430
292 Met Leu Thr Lys Pro Leu Ile Ser Tyr Leu Leu Pro His Gln Asn Ala
293 435 440 445
295 Thr Thr Ser Met Leu Ser Asp Asp Asn Thr Pro Lys Ser Ile His Ile
296 450 455 460
298 Pro Leu Leu Asp Gln Asp Ser Phe Ile Glu Pro Ser Gly Asn His Asn
299 465 470 475 480
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302 485 490 495
304 Thr Val His Tyr Tyr Trp Arg Gln Phe Asp Asp Ser Phe Met Arg Pro
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316 <213> ORGANISM: Medicago sativa
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VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date